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Typed Name: /Kevin D. McCarthy/  
Date: Kevin D. McCarthy  
December 27, 2010

Patent 0-05-109 - 15408/US/02

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor: Bar-Yaakov et al.  
Serial no.: 10/541,668  
371(c) date: December 27, 2005  
I.A. Filed: January 12, 2004  
Title: FLAME RETARDANT FOR ENGINEERING  
THERMOPLASTIC APPLICATIONS  
Examiner: Megan MCCULLEY  
Art Unit: 1796  
Confirmation: 4122

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir/Madam:

Response and Amendment

This response is in reply to the final office action mailed on July 27, 2010. Applicant also encloses a request for continued examination transmittal letter, an information disclosure statement, a petition for a two (2) month extension of time to file this response, and the appropriate large entity fees.

Amendments

1. Current claim 22 has been amended by incorporating an important property of the flame retardant according to the invention, namely its ability to increase melt flow index of the retarded thermoplastics, the feature supported in the specification on page 5 and in Examples 5 and 6.

Claim 22 has been further amended by incorporating an important property of the claimed process, namely the fact that the invention provides a low-solvent product while obviating the solvent removal from the product. The feature of excluding any step of removing solvents from the high molecular weight brominated epoxide resin is supported, for example, at the first two lines and at the last two lines of Example 3, on page 8.

A formal amendment has been effected in claim 22, replacing "engineered thermoplastics" with "engineering thermoplastic compositions". The latter term is supported in the specification throughout, for example on pages 1-3, 5, 6, 13, and 21. Original claim 1 comprised a term "polymeric compositions", but it is obvious that the term "engineering thermoplastic compositions" is included within the term "polymeric compositions". The amendment in fact narrows the ambit, as not all polymers must be plastic, and as not all plastics are engineering plastics, and this is entirely clear from reading, for example, pages 2, 3, 5, and 13 of the specification.